



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D205-634-041
Job Sheet 179519



Part No: D205-634-041

Job Qty: 1 ea

Part Name: Replacement Skidtube with Standard Wearplates Fits LH or RH



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 6/20/18

Job Tracking No:

Due Date: 7/25/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG D2580 REV H SHEETS 1,2,3,8 IPP Rev:N 02.08.28 FP was QC5 in Step 27; Added QC5 to Step 30 KJ IPP Rev P 10.02.19 per PAR09-043 EC verified by:DD IPP Rev. O 06.02.28 Added paperwork EC IPP Rev:P 07-07-09 SS Wearplates & Gaskets JLM IPP Rev:Q 10.12.01 as per chg003 DD ver:EC IPP REV:R 12.01.23 AS PER ECN11-684 VERF:EC IPP REV:S 17.12.08 REMOVE GASKET AS PER INTUITIVE INFO DD VERF:JFS

Ship Via:

Bill of Materials



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S090109



Part: D205-634-041

Job No: 179519

Serial No/Batch: S090109

Revision: H

Inspector:

Exp Date:

Instructions:

Date: 07/09/18

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Job Routing									
Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	7/25/18	7/25/18	0.00	0.00	Start Up Skid tubes		<i>3W</i>
110	CNC Bend Skid tubes	1 pcs	7/25/18	7/25/18	0.00	0.65	CNC Bend Skid tube		<i>MGR DP</i>
120	Skid tubes	1 pcs	7/25/18	7/25/18	0.00	2.89	Skid tubes-2		<i>3W</i>
130	QC	1 pcs	7/25/18	7/25/18	0.00	0.00	QC5		<i>3W</i>
140	Skid tubes	1 pcs	7/25/18	7/25/18	0.00	2.89	Skid tubes-2		<i>3W</i>
150	QC	1 pcs	7/25/18	7/25/18	0.00	0.00	QC10		<i>38 DAS</i>
160	QC	1 pcs	7/25/18	7/25/18	0.00	0.00	QC5		<i>38</i>
170	HandFinish	1 pcs	7/25/18	7/25/18	0.00	1.31	HandFinish1		<i>SA 18-07-11</i>
180	Powdercoat	1 pcs	7/25/18	7/25/18	0.00	0.34	Powdercoat1		<i>SA 18-7-11</i>
190	QC	1 pcs	7/25/18	7/25/18	0.00	0.00	QC3		<i>SA 18-7-12</i>
200	HandFinish	1 pcs	7/25/18	7/25/18	0.00	1.31	HandFinish4		<i>DAS</i>
210	QC	1 pcs	7/25/18	7/25/18	0.00	0.00	QC5		<i>38</i>
220	Packaging	1 pcs	7/25/18	7/25/18	0.00	0.00	Packaging3-1		<i>DAS JUL 18 2018</i>
225	DC	1 pcs	7/25/18	7/25/18	0.00	0.00	DC		<i>6 NIR</i>
230	QC21-FG	1 Ea	7/25/18	7/25/18	0.00	0.00	QC21		<i>9-89 18.07.13</i>

Part Op 110 - 1-Bend as per program D2580.C on CNC Bender and Folio 16 2-Cut tubes as per Dwg. D2580.3- scribe batch# in Descriptions: aft end of tube

120 - 1- Deburr ends and remove bending marks 2- Prepare tube for welding as per QSI 004

140 - 1-Weld step D2576 as per Dwg. D2580 and QSI 004 2-Grind welds on step as per Dwg D2580.3- insert D4202-1 spacer, swage as per QSI002 and trim/ grind flush per QSI002 and dwg. Hold x-bolt with DT9701 Use tube expander 1/2 x17G to start expansion and finish with 1/2 x 18G to achieve dwg dimension. 4-Drill holes for wearplates using DT 8217 & DT8937, 7.40" from most fwd saddle holes (ref only) Open holes to 19/64", adjust stopper not to hit web. Deburr 5-Drill pilot holes for aft cap using DT 8215 Open holes to 0.208". Deburr 6-Drill pilot holes for Tow ring using DT8091, open to .640" and Deburr

170 - Re-alodine tube as per QSI 005 section 4.1.2.1 do not acid etch and leave fwd cap out of solution.

180 - START TIME: 1:20 OVEN TEMPERATURE: 320 FINISH TIME: 1:50

200 - 1-Install inserts & wearplates as per Dwg. D2580. Use a drop of Sikaflex on insert holes before installing wearplates A/R Sikaflex-291 M1387 Sikaflex expire date: 12/11 2-Coat D2594-3 O' rings with Petroleum Jelly and install on D2594-1 plugs as per Dwg D2580 3-Inspect for foreign object per QSI 024 4-Install 2855 Aft Cap as per Dwg D2580 and seal Fwd Step & Aft Cap with Sikaflex. Clean excess adhesive A/R Sikaflex-291 M1387 Sikaflex expire date: 12/11 5-Wing Walk as per Dwg D2580 and QSI 005 4.4 Batch: 508849

210 - Inspect Aft Cap, Fwd Step and Wing Walk of work to Current Step Inspect for Foreign objects per QSI 024

220 - Identify and pack for shipping as per PPPD205-634-041 Location: _____ PPP Rev: _____

225 - Photocopy D205-634 bluefile & type labels per PPP D205-634-041 CHG006

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
D2580-1	205 Bent Tube	1 Ea (1 ea)	90-Start up Operation	<i>5084330</i>
D2576-3	Step (Machining Detail)	1 Ea (1 ea)	140-Skid tubes	<i>5069014</i>
D4202-1	Spacer	20 Ea (20 ea)	140-Skid tubes	<i>5054571</i>
ALS7-1032-130	Rivnut	50 Ea (50 ea)	200-HandFinish	<i>5045668</i>
AN3-5A	Bolt	2 Ea (2 ea)	200-HandFinish	<i>5641106-1</i>
AN3C4A	Bolt <i>5068647</i>	50 Ea (50 ea)	200-HandFinish	<i>5059021</i>
D2594-1	Plug	16 Ea (16 ea)	200-HandFinish	<i>5649975</i>
D2594-3	O-Ring	16 Ea (16 ea)	200-HandFinish	<i>F151613</i>
D2855	Cap	1 Ea (1 ea)	200-HandFinish	<i>5645366</i>
D3564-11	Wearplate Aft	1 Ea (1 ea)	200-HandFinish	<i>5045900</i>
D3564-13	Wearpad Fwd	1 Ea (1 ea)	200-HandFinish	<i>5077536</i>
D3564-5	Wearplate Center	1 Ea (1 ea)	200-HandFinish	<i>5054592</i>
D3564-9	Wearplate Fwd	1 Ea (1 ea)	200-HandFinish	<i>5056493</i>
NAS1149C0332R	Washer	50 Ea (50 ea)	200-HandFinish	
NAS1149D0332J	Washer	2 Ea (2 ea)	200-HandFinish	<i>5020606-1</i>

DQA: _____ Date: _____



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Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐				

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation 140-Skidtubes	D2580-1	1	8	0
	D2576-3	1	34	0
	D4202-1	20	236	0
200-HandFinish	ALS7-1032-130	50	1,391	0
	AN3-5A	2	198	0
	AN3C4A	50	1,807	0
	D2594-1	16	337	0
	D2594-3	16	595	0
	D2855	1	83	0
	D3564-11	1	20	0
	D3564-13	1	21	0
	D3564-5	1	9	0
	D3564-9	1	22	0
	NAS1149C0332R	50	5,349	0
	NAS1149D0332J	2	1,710	0
Part Specifications				
Specifications could not be found.				

Plex 6/20/18 8:02 AM dart.lacelle.linda

QA: _____ Date: _____



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Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

also 179519

ITEM	QTY -441	QTY -445	QTY -447	QTY -448	PART NUMBER	DESCRIPTION
1	X				D2590-041	SKIDTUBE ASSEMBLY
2		X			D2590-045	SKIDTUBE ASSEMBLY
3			X		D2590-047	SKIDTUBE ASSEMBLY
4				X	D2590-049	SKIDTUBE ASSEMBLY
20	1	1	1	1	D2590-1-190	EXTRUSION
21			16	16	D2570	BUSHING
22	1	1	1	1	D2579-3	STEP
23			4		D2579	SPACER
24	16	16	8	8	D2594-1	PLUG
25	16	16	8	8	D2594-3	O-RING
26	1	1	1	1	D2595	205 WEB
27	1	1	1	1	D2595	AFT CAP
28	1	1			D3594-5	WEARSHOE
29	1	1			D3594-9	WEARSHOE
30	1	1			D3594-11	WEARSHOE
31	1	1			D3594-13	WEARSHOE
32	20	20	24	24	D4202-1	SPACER
33			1		D4405-041	WEARPLATE ASSEMBLY
34			1		D4405-043	WEARPLATE ASSEMBLY
35				1	D6061-1	FWD WEARPLATE
36				1	D6061-3	AFT WEARPLATE
50	50	50			AL57-1032-130 or AK57-1032-130 or AK54-1032-130 or AEL5-1032-130	INSERT
51	50	50			AN5C4A	BOLT
52	2	2	2	2	AN5-5A	BOLT
53			8	8	AN6-45A	BOLT
54	50	50			NAS1149C0332R	WASHER (AN860C10L)
55	2	2	2	2	NAS1149D0332J	WASHER (AN860J10L)
56			8	8	MS21042-4	NUT (OR MS21042L4)

GENERAL NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: CHEMICAL CONVERSION PER DART QSI 005 4.1 PRIOR TO INSERTING D2595 WEB
POWDER COAT (-041/-047/-049) GLOSS WHITE (REF 4.3.5.1) PER DART QSI 005 4.3
POWDER COAT (-045) GREEN SANDTEX (REF 4.3.5.8) PER DART QSI 005 4.3
BLACK ANTI-SKID PAINT AS INDICATED PER DART QSI 005 4.4.
- 3) TOLERANCES ARE PER DART QSI 019 UNLESS OTHERWISE NOTED.
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED.
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX.
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: D2590-041 = 33.7 lbs
D2590-045 = 33.7 lbs
D2590-047 = 45.1 lbs
D2590-049 = 32.0 lbs
- 8) WELDING PER DART QSI 004.
- 9) INSERT D2595 WEB TO LOCATION SHOWN OFF AFT END OF SKIDTUBE AND BOND WEB INTO OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241 ADHESIVE PER DART QSI 015 BEFORE BENDING. ENSURE HOLES LINE-UP.
- 10) BEND AS A SMOOTH RADIUS STARTING WITH A MAXIMUM CENTERLINE RADIUS OF 90 AND ENDING WITH A MINIMUM RADIUS OF 30. A MAXIMUM REDUCTION OF 0.200 IN DIAMETER IS ALLOWABLE IN THE BENT PORTION OF THE TUBE.
- 11) USE DART DRILL TEMPLATE DTR217 & DTR697 ONLY FOR D2590-041/-045 TO LOCATE AND DRILL 60.267 HOLES FOR WEARSHOE INSERTS. INSTALL AL57-1032-130 PER SECTIONS B-B AND F-F (50 PLACES) AFTER FINISH. INSTALL AN5C4A BOLTS AND NAS1149C0332R WASHERS WITH SIKAFLEX-241-291.
- 12) INSERT D2594-1 PLUG C/W D2594-3 O-RING IN HOLES MARKED 'P' (BOTH SIDES OF TUBE) AFTER FINISH (16 PLACES FOR D2590-041/-045 AND 8 PLACES FOR D2590-047/-049)
- 13) IT IS ACCEPTABLE TO GRIND A RELIEF IN THE D2595 AFT CAP TO PREVENT INTERFERENCE WITH THE SPACER AT THIS LOCATION

H	SHEET: PL DELETE D3595-1/-4/-13 GASKETS, WEIGHTS UPDATED ACCORDINGLY. SHEETS 2 & 4 PICTORIAL UPDATE FOR REMOVAL OF GASKETS	SAD	17.06.09
G	ADDED -045, -047 WEIGHT UPDATED PER DSI 9098	AJS	14.04.08
F	INCORPORATE DEO D2590-E-1 PER PART 2-218	DC	13.08.20
E	ADD D2590-047 (2N C4-7) AND D2590-7 (2N B3-5); INCLUDE DEO D2590-D-1; REFORMATTED DRAWING TO CURRENT STANDARDS: DTR217 & DTR697 WAS TD2577-205 (2N C4-1)	RF	11.08.21
D	CHANGE TO 8S WEARPLATES AND GASKETS, INCLUDE DEO 8124/ 8153	PH	07.04.05
C	REDRAWN, INCLUDE DEO 8094/ 8087	CP	06.08.28
B	AS MANUFACTURED	DS	05.12.02
A	NEW ISSUE	DS	06.06.16
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	SAD		
CHECKED	DS		
MFG. APPR.	DS		
APPROVED	DS		
DE APPR.	DS		
DATE	17.06.09		

DART AEROSPACE LTD
HAMMERSBURY, ONTARIO, CANADA

DRAWING NO. D2580 REV. H

SHEET 1 OF 9

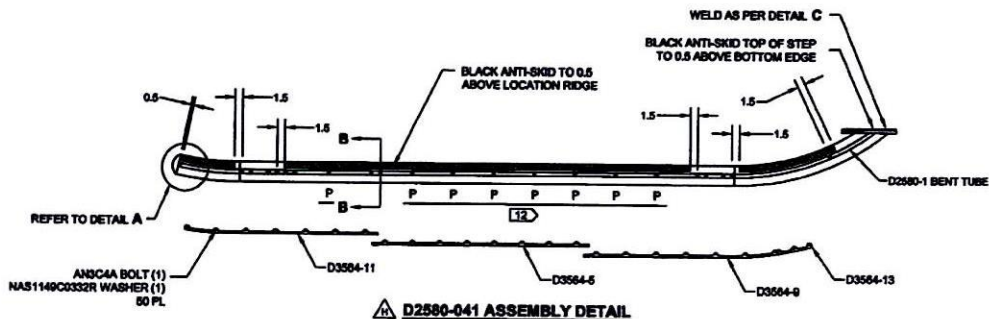
TITLE 205 SKIDTUBE ASSEMBLY SCALE NTS

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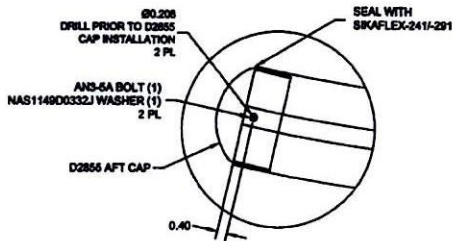
THIS DRAWING IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED IN THE DRAWING. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.

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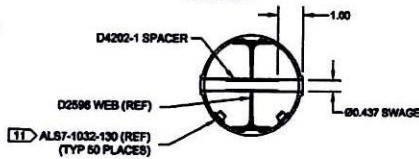
2017 JUL 05 4P
E0017-514



DETAIL A
SCALE 5X

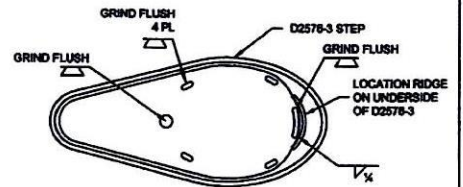


SECTION B-B
SCALE 5X



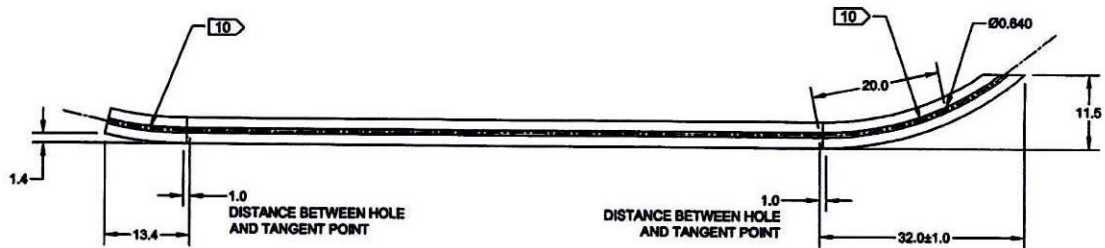
AFTER DRILLING AND BENDING ASSEMBLY
PERFORM THE FOLLOWING FOR 0.0508 HOLES ONLY:
1. INSERT D4202-1 SPACER (20 PLACES)
2. SWAGE TO 0.0437 X 1.00 DEEP PER QSI 002
3. TRIM / GRIND FLUSH PER QSI 002

DETAIL C
SCALE 5X



RELEASED
2017 JUL 05

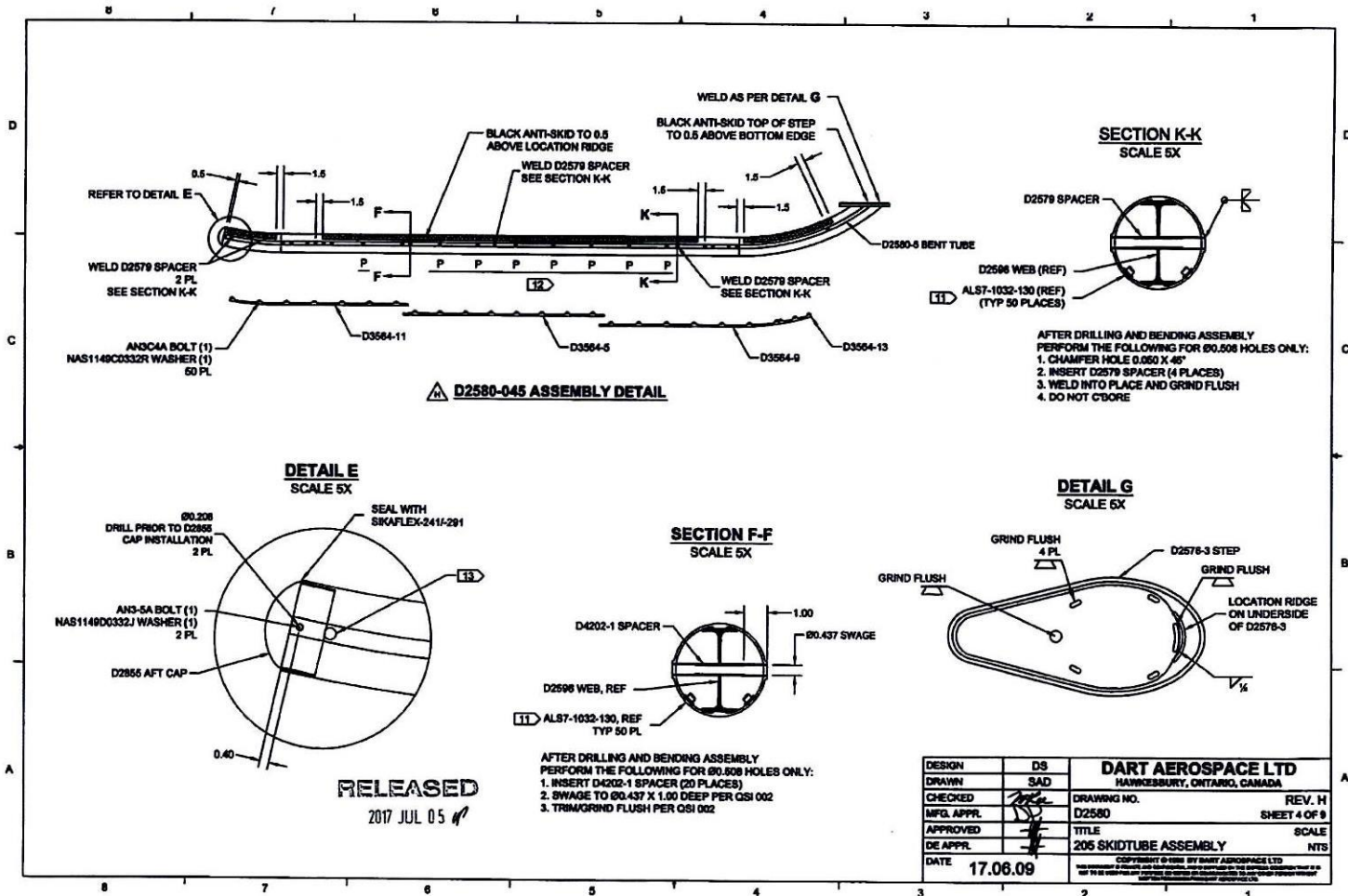
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DRAWN	SAD	WARRICKSBURY, ONTARIO, CANADA	
CHECKED	PS	DRAWING NO.	REV. H
MFG. APPR.	PS	D2580	SHEET 2 OF 9
APPROVED	PS	TITLE	SCALE
DE APPR.	PS	205 SKIDTUBE ASSEMBLY	NTS
DATE	17.06.09	COPYRIGHT © 2008 BY DART AEROSPACE LTD	

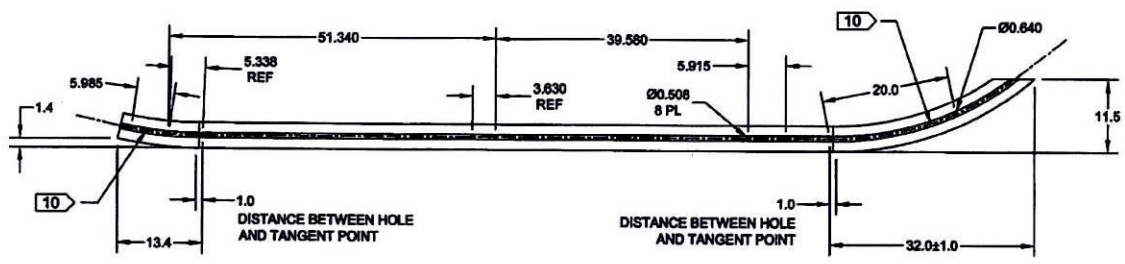


D2580-1 BENT TUBE
(BUCKLE FROM D2580-101 TUBE)

RELEASED
2017 JUL 05 4P

DESIGN	DS	DART AEROSPACE LTD	
DRAWN	SAD	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. H
MFG. APPL.	<i>[Signature]</i>	D2580	SHEET 3 OF 8
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPL.	<i>[Signature]</i>	205 SKIDTUBE ASSEMBLY	NTS
DATE	17.06.09	COPYRIGHT © 2008 BY DART AEROSPACE LTD	





D2580-5 BENT TUBE
(MAKE FROM D2580-101 TUBE)

RELEASED
2017 JUL 05

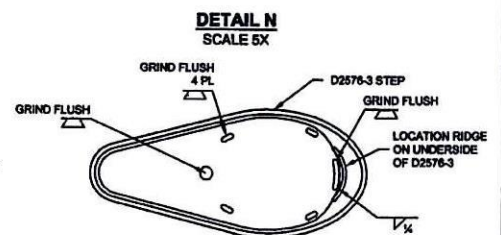
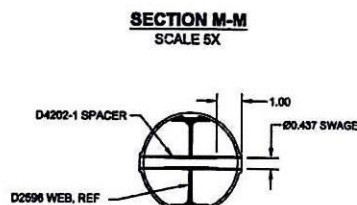
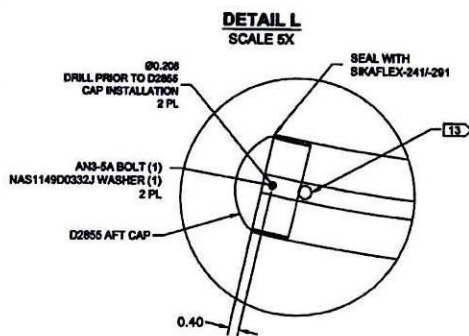
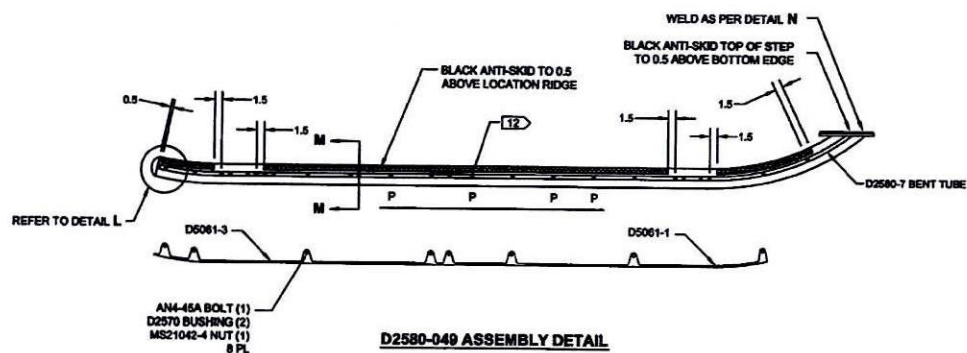
DESIGN	DS	DART AEROSPACE LTD	
DRAWN	SAD	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. H
MFG. APPR.	<i>[Signature]</i>	D2580	SHEET 6 OF 9
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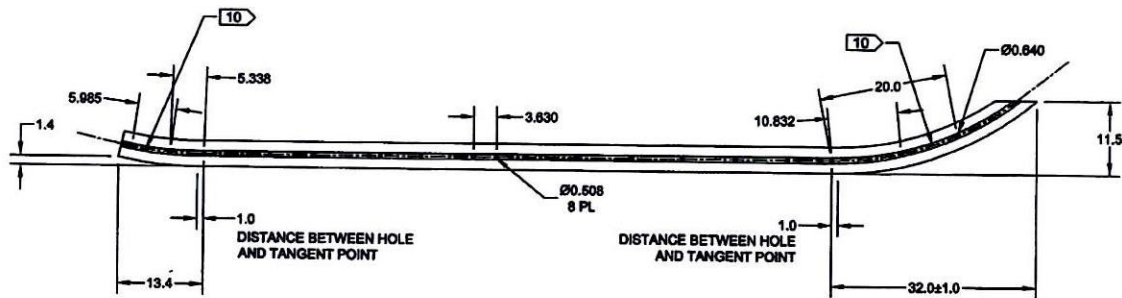


AFTER DRILLING AND BENDING ASSEMBLY
PERFORM THE FOLLOWING FOR Ø0.508 HOLES ONLY:
1. INSERT D4202-1 SPACER (24 PLACES)
2. SWAGE TO Ø0.437 X 1.00 DEEP PER QSI 002
3. TRIM/GRIND FLUSH PER QSI 002

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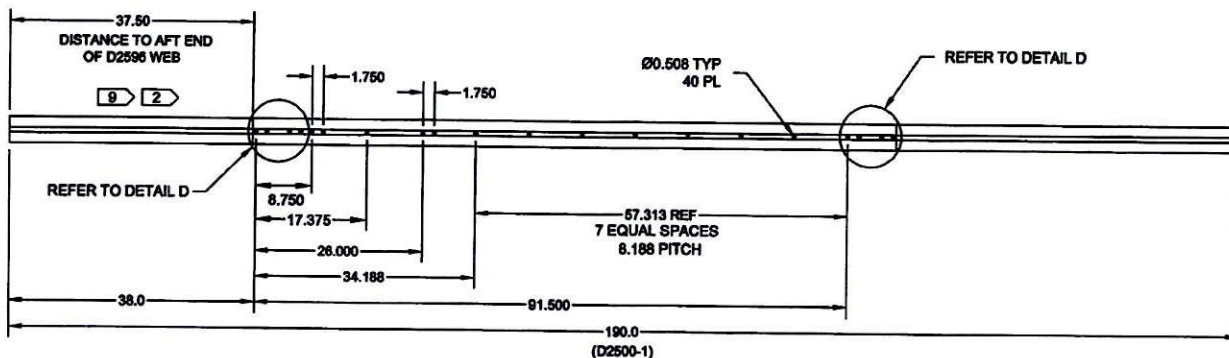
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MFG. APPL.	[Signature]	D2580	SHEET 7 OF 9
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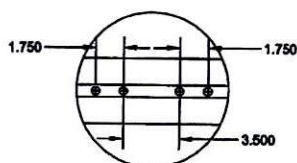
D2580-7 BENT TUBE
(MAKE FROM D2580-101 TUBE)

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D2580-101 TUBE



DETAIL D
SCALE 5X

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MFG. APPR.	<i>[Signature]</i>	D2580	SHEET 9 OF 9
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